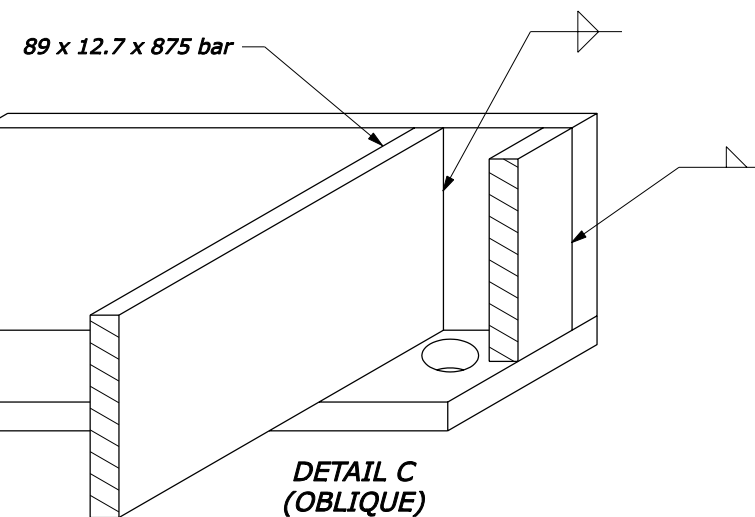
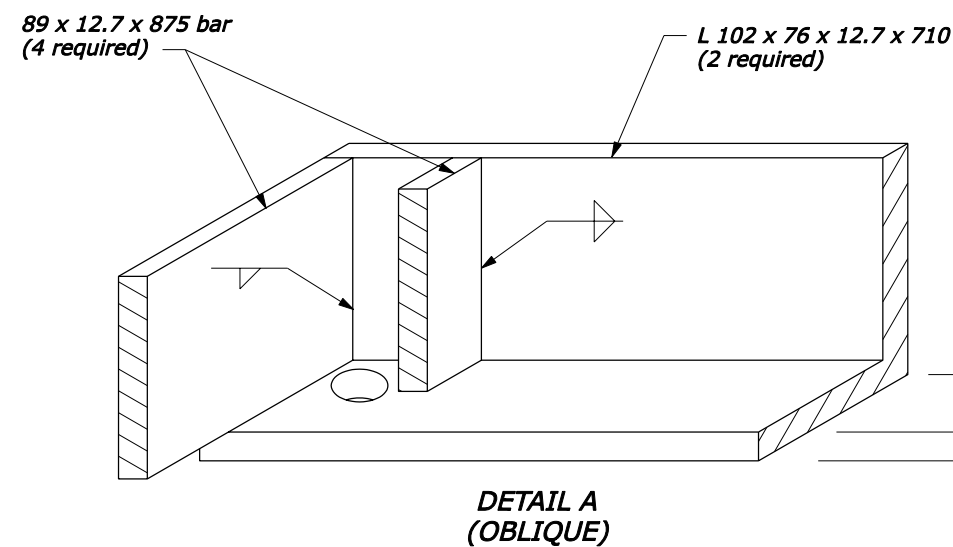
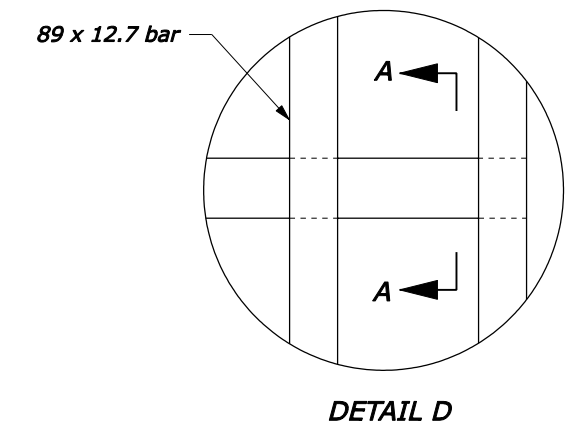
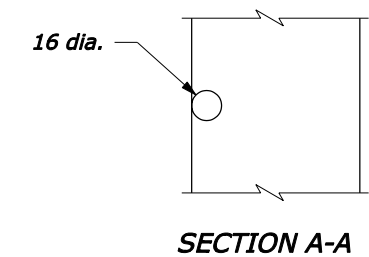


### NOTE:

1. Hot dip galvanize all metal parts for frame and grate after fabrication.
2. Fabricate frame and grate from structural steel.
3. Furnish M20 x 120 x 200 mm anchor bolts with nuts to attach frame to inlet.
4. Cut holes in 89 x 12.7 mm bar as required to place 16 mm diameter rods.
5. Spot weld 16 mm diameter rods for frame and grate to 89 x 12.7 mm bars.
6. Furnish hardware in the metric sizes shown. Equivalent US Customary sizes may be used when metric sizes are not available.
7. Dimensions without units are millimeters.



NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY	
METRIC STANDARD	
<b>FRAME AND GRATE TYPE 5A</b>	
STANDARD APPROVED FOR USE 3/1996 REVISED: 6/2005	STANDARD M604-6